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Notice of Allowability	Application No.	Applicant(s)	
	09/716,711	PETAJISTO, ANTTI	
	Examiner	Art Unit	
	Thien D. Tran	2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 03/01/2006.
2. ☒ The allowed claim(s) is/are 14-16,21,20,22,18,19,23-26 renumbered as 1-12 respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

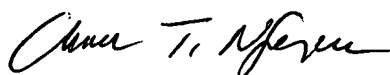
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>03/01/2006</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
|--|---|


CHAU NGUYEN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Douglas Goldhush on 09/13/2006.

The claims has been amended as follows:

claim 14, lines 3-4, "admitting a request new connection, if an increase value representing a total affective bandwidth is not larger than a predetermined valued," has been deleted,

claim 14, line 11, after "the increase value," --- admitting a request new connection, if an increase value representing a total affective bandwidth is not larger than a predetermined valued,--- has been inserted in the next line,

claim 18, lines 3-4, "admitting a request new connection, if an increase value representing a total affective bandwidth is not larger than a predetermined valued," has been deleted,

claim 18, line 10, after "the increase value", --- admitting a request new connection, if an increase value representing a total affective bandwidth is not larger than a predetermined valued,--- has been inserted in the next line,

claim 19, lines 3-4, "admitting a request new connection, if an increase value representing a total affective bandwidth is not larger than a predetermined valued," has been deleted,

claim 19, line 10, after "the increase value, comprising", --- admitting a request new connection, if an increase value representing a total affective bandwidth is not larger than a predetermined valued,--- has been inserted in the next line,

claim 19, line 11, before "a step of checking", ---wherein said increasing comprises--- has been inserted.

REASONS FOR ALLOWANCE

2. The following is an examiner's statement of reasons for allowance:

Regarding claims 14, 23, the prior arts fail to teach or fairly suggest a method for performing a connection admission control in an asynchronous network node, comprising the step of:

increasing a value representing a total bandwidth of a requested new connection is determined by using the following equation $B_{\text{eff}} = a \cdot \text{PCR}^{\alpha} \cdot \text{SCR}^{\beta} \cdot C^{\gamma}$, in combination with other limitations as specified in the independent claims 14, 23.

Regarding claims 18, 19, the prior arts fail to teach or fairly suggest a method for performing a connection admission control in an asynchronous network node, comprising the steps of:

increasing a value representing a total effective bandwidth by a determined value so as to obtain the increased value, wherein an approximated traffic parameter function

is a function of the ratio between a peak cell rate and a link capacity, in combination with other limitations as specified in the independent claims 18, 19.

Conclusion

3. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Thien Tran whose telephone number is (571) 272-3156. The examiner can normally be reached on Monday-Friday from 8:30AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu, can be reached on (571) 272-3155. Any inquiry of a general nature of relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

4. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have any questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197.

Patent Examiner

Thien Tran